

## AMENDMENTS TO THE SPECIFICATION WITH MARKINGS TO SHOW CHANGES MADE

Before the title, delete "Description".

Before paragraph [0001], add the heading --BACKGROUND OF THE INVENTION--.

Before paragraph [0004], add the heading --SUMMARY OF THE INVENTION--.

Before paragraph [0008], add the heading --BRIEF DESCRIPTION OF THE DRAWING--.

Amend paragraph [0008] as follows:

**[0008]**       -- The invention as well as further advantageous refinement of the invention according to the features of the dependent claims will be explained in more detail in the following text with reference to an exemplary embodiment, which is illustrated schematically in the drawing, in which the sole Fig. 1 shows a fragmentary sectional view of an optical sensor according to the present invention.--.

Before paragraph [0009], add the heading --DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS--.

Amend paragraph [0009] as follows:

**[0009]**       -- Figure Fig. 1 shows an outline illustration of an optical sensor 1 on whose sensor shaft 2 a coding disk 5 is located, for measurement recording, as part of an optical scanning unit, which is not illustrated in any more detail. The sensor flange 4 is arranged on the sensor shaft 2, via a sensor bearing 3. The sensor bearing 3 is advantageously designed without ~~mirroring~~ play, in order to increase the measurement accuracy. A ferrofluid seal 10 is located on the sensor flange 4, between the sensor bearing 3 and the coding disk 5. The ferrofluid seal 10 is formed essentially by a magnet 6 which is magnetized axially with respect

to the sensor shaft 2, the flux guide elements 7 and 9 resting on it, and a ferrofluid liquid 8.--

Page 4, after the heading "PATENT CLAIMS" and before the first claim add --  
What is claimed is:--.